

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041739.D
 Acq On : 22 Dec 2020 14:14
 Operator : SY/MD
 Sample : L5185-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S2

Manual Integrations
 APPROVED

MMDadoda
 12/23/2020 11:32:31 AM

Quant Time: Dec 23 04:54:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 04:05:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	131976	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129911	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59118	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	35635	3.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	1.92	69	41045	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.58	63	67650	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.66	46	172984	58.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.74%
24) Chloroform-d	5.08	84	88135	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.72	65	51778	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.74	84	172226	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.70	67	57227	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.90	98	143640	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.19	79	23016	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.64	63	154162	53.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.54%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56900	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	56247	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

					Ovalue
13) Acetone	2.67	43	3121m	1.656	ug/L
19) 1,1-Dichloroethane	3.89	63	13440	0.777	ug/L
22) cis-1,2-Dichloroethene	4.68	96	2114	0.207	ug/L
25) Chloroform	5.10	83	5447	0.313	ug/L
29) 1,1,1-Trichloroethane	5.33	97	7766	0.521	ug/L
34) Trichloroethene	6.55	95	20505	1.964	ug/L
47) Tetrachloroethene	8.56	164	2472	0.338	ug/L

(#) = qualifier out of range (m) = manual integration (+) = signals summed

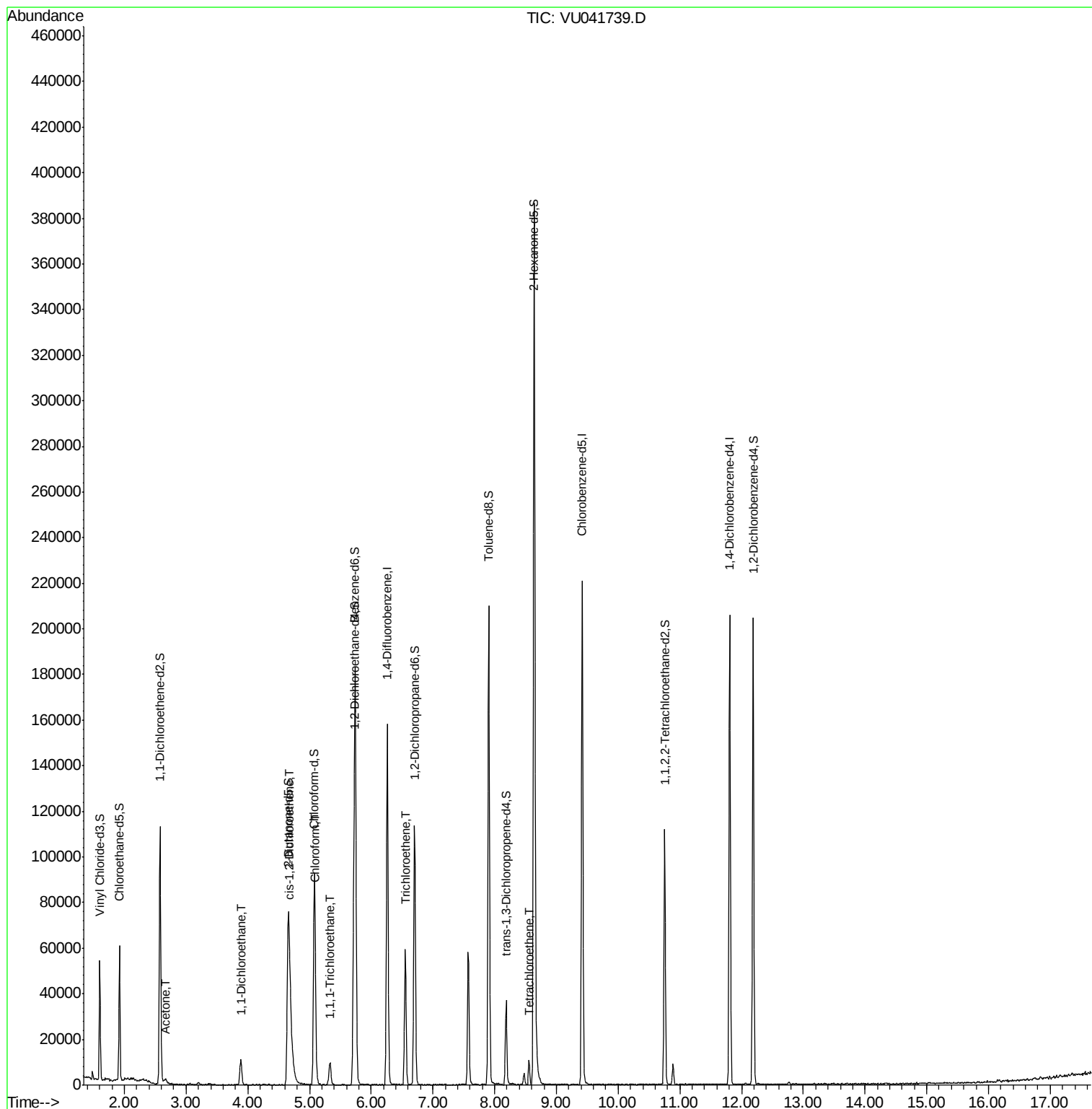
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122220\
Data File : VU041739.D
Acq On : 22 Dec 2020 14:14
Operator : SY/MD
Sample : L5185-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

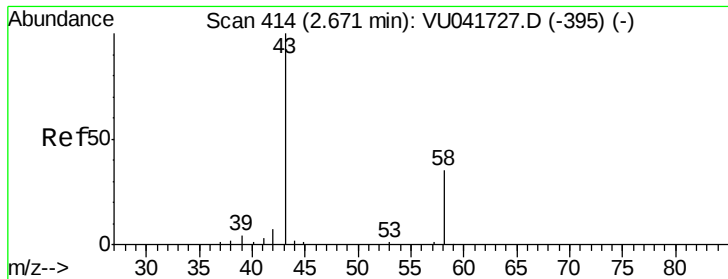
Instrument :
MSVOA_U
ClientSampleId :
BG4S2

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Quant Time: Dec 23 04:54:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 04:05:15 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.656 ug/L m

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

Lab File: VU041739.D

Acq: 22 Dec 2020 14:14

Instrument :

MSVOA_U

ClientSampled :

BG4S2

Tot Ion: 43 Resp: 3121

Ion Ratio Lower Upper

43 100

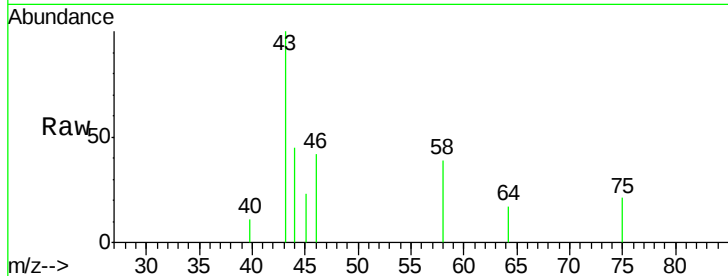
58 16.1 0.0 73.2

Manual Integrations

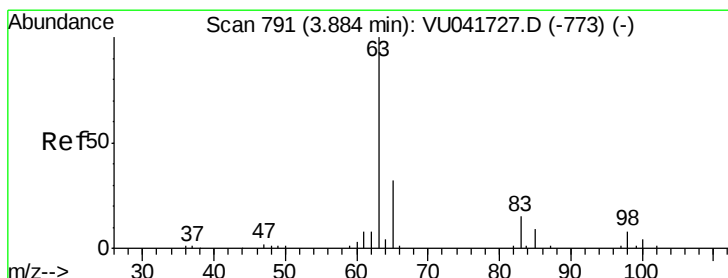
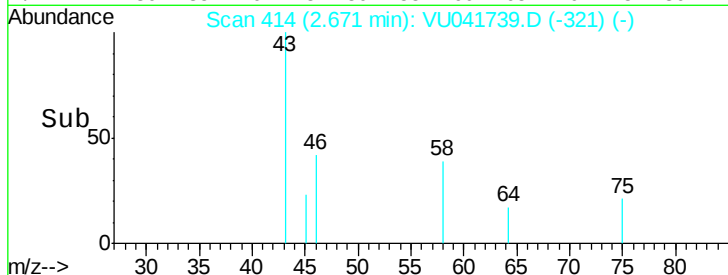
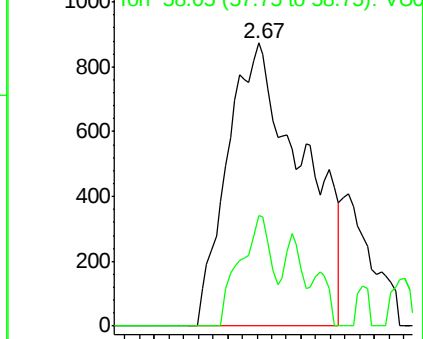
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Abundance Ion 43.05 (42.75 to 43.75): VU041739.D (-321) (-)



#19

1,1-Dichloroethane

Concen: 0.777 ug/L

RT: 3.89 min Scan# 793

Delta R.T. 0.01 min

Lab File: VU041739.D

Acq: 22 Dec 2020 14:14

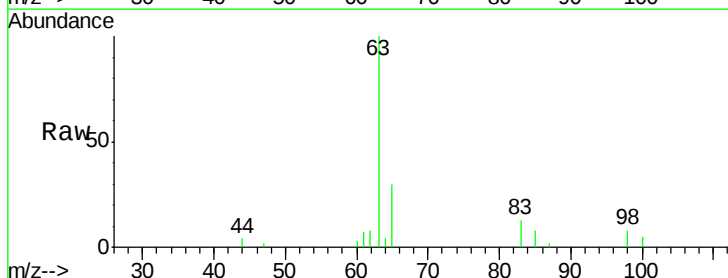
Tgt Ion: 63 Resp: 13440

Ion Ratio Lower Upper

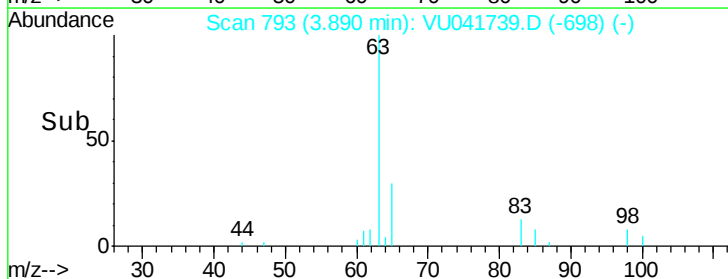
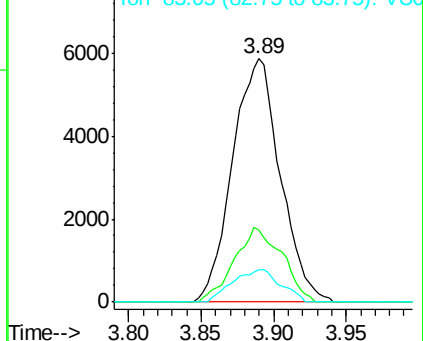
63 100

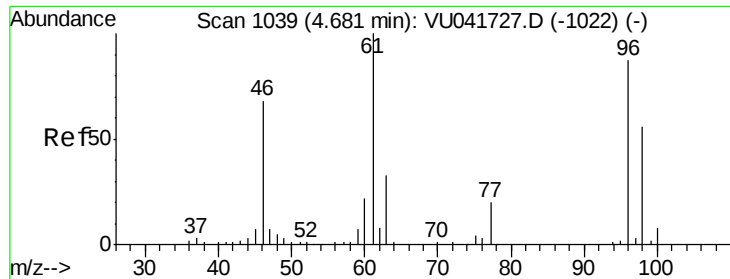
65 29.6 21.3 39.6

83 13.3 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VU041739.D (-698) (-)





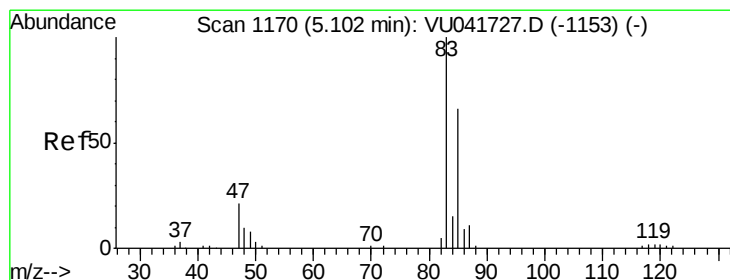
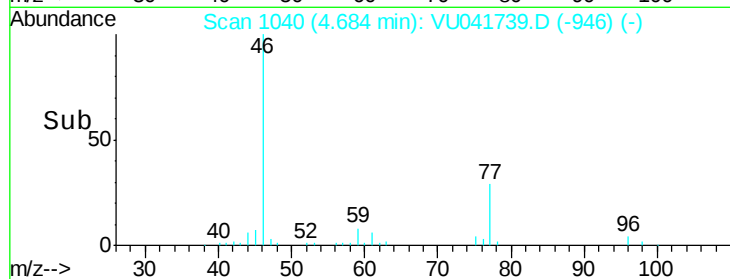
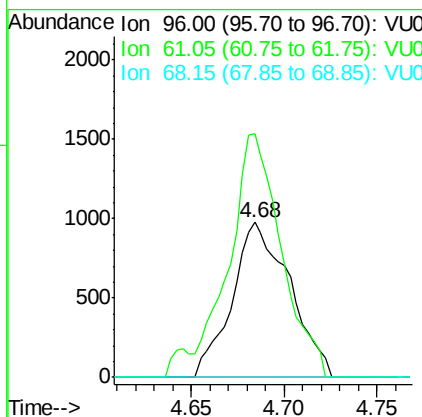
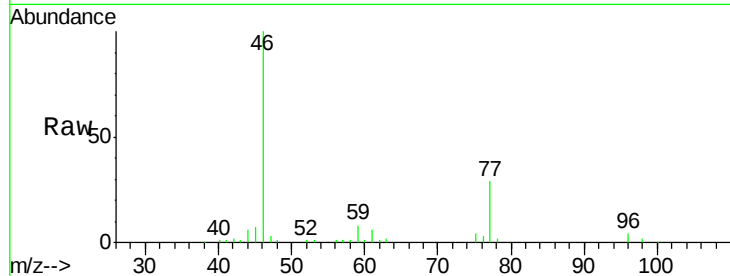
#22
 cis-1,2-Dichloroethene
 Concen: 0.207 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU041739.D
 Acq: 22 Dec 2020 14:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S2

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.3	88.8	165.0
68	0.0	0.0	0.0

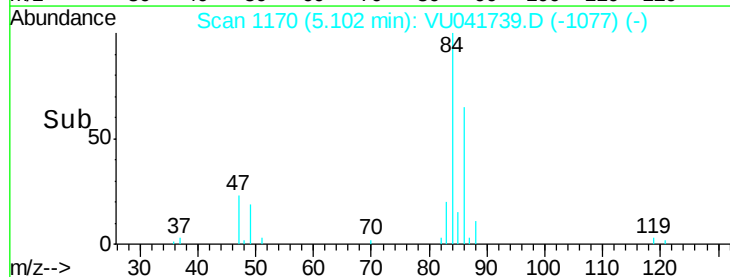
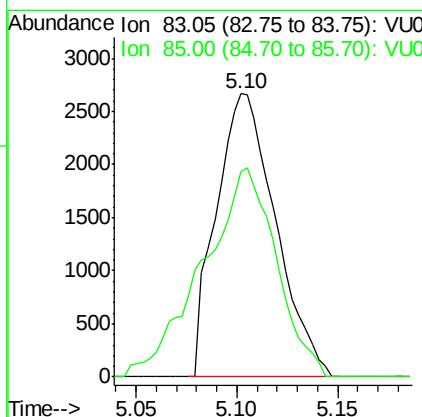
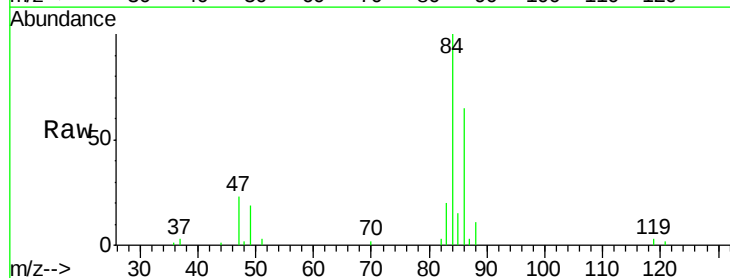
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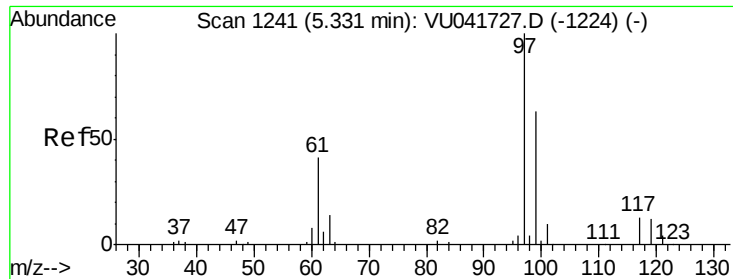
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#25
 Chloroform
 Concen: 0.313 ug/L
 RT: 5.10 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: VU041739.D
 Acq: 22 Dec 2020 14:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	72.5	44.2	82.0





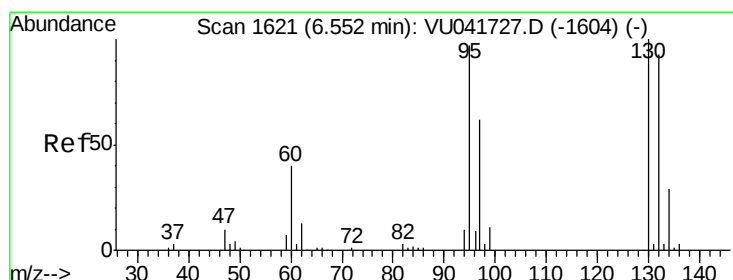
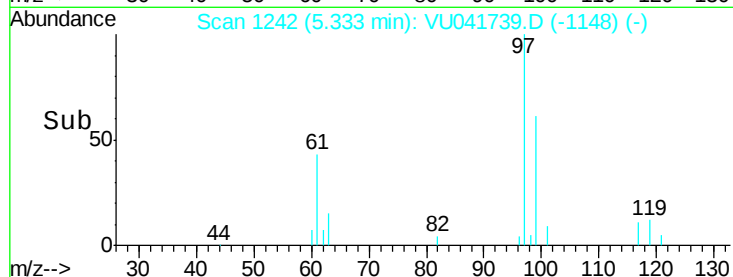
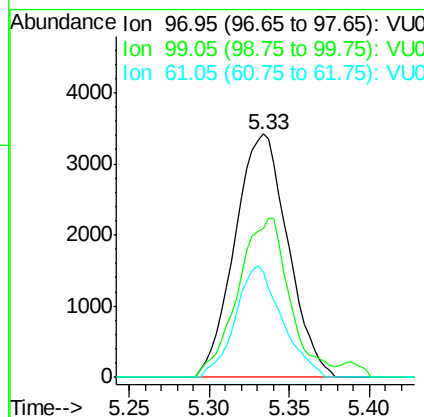
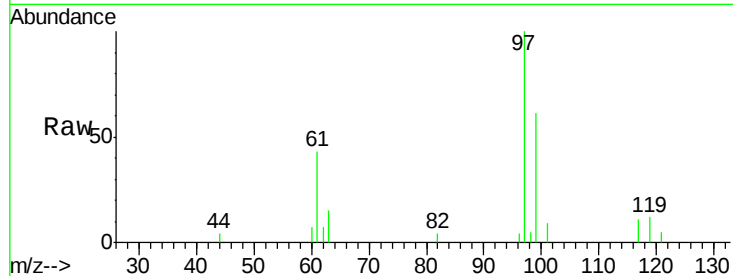
#29
1,1,1-Trichloroethane
Concen: 0.521 ug/L
RT: 5.33 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VU041739.D
Acq: 22 Dec 2020 14:14

Instrument :
MSVOA_U
ClientSampleId :
BG4S2

Tot Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.3	76.9
61	40.1	36.5	54.7

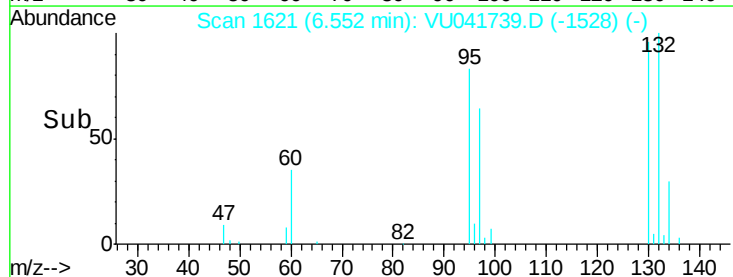
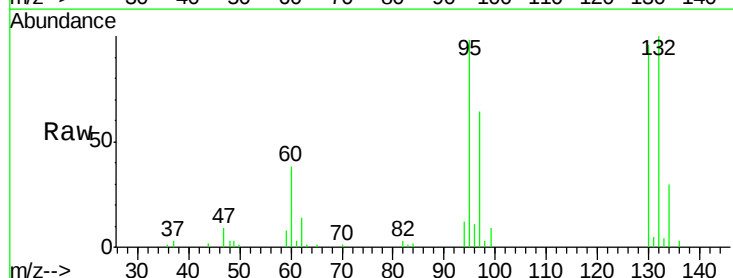
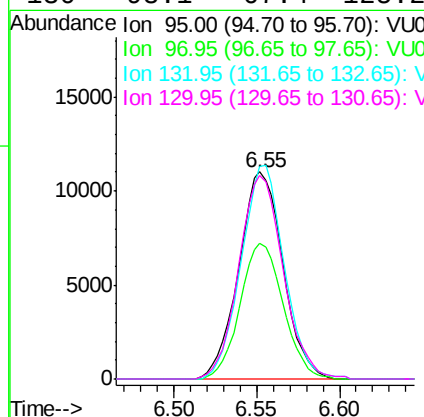
Manual Integrations
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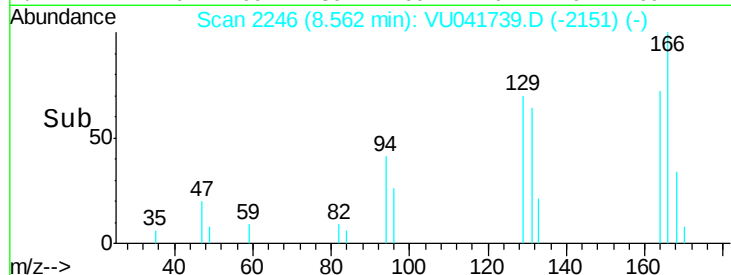
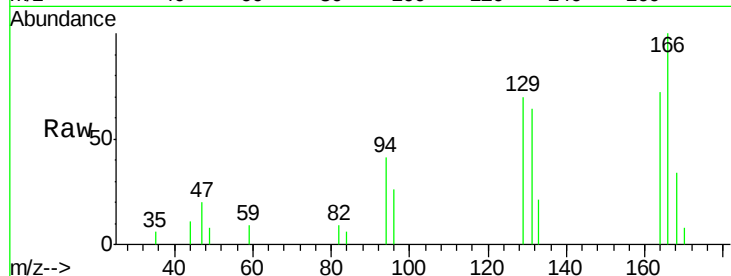
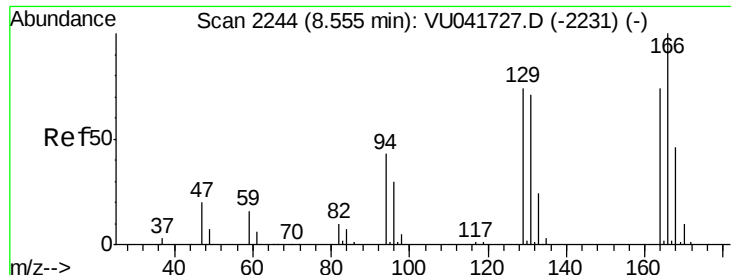
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12/23/2020 11:32:31 AM



#34
Trichloroethene
Concen: 1.964 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU041739.D
Acq: 22 Dec 2020 14:14

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.7	43.9	81.5
132	102.5	63.1	117.3
130	98.1	67.4	125.2





#47

Tetrachloroethene

Concen: 0.338 ug/L

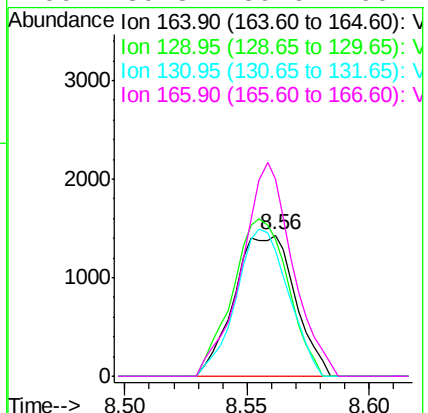
RT: 8.56 min Scan# 2246

Delta R.T. 0.01 min

Lab File: VU041739.D

Acq: 22 Dec 2020 14:14

Tot Ion:	164	Resp:	2472
Ion Ratio	Lower	Upper	
164	100		
129	97.4	72.2	134.0
131	89.0	66.9	124.3
166	139.8	89.6	166.4



Instrument :

MSVOA_U

ClientSampleId :

BG4S2

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